

CLAIMS

1. A driving apparatus for a plasma display panel in which one frame has a plurality of sub-fields, said apparatus comprising:

sub-field mapping means for mapping a data inputted from the exterior thereof onto a sub-field pattern stored in advance;

an APL calculator for calculating an APL corresponding to said data inputted from the exterior and generating an information about the number of sustaining pulses corresponding to the calculated APL;

a load detector for receiving the mapped data from the sub-field mapping means to generate a control signal in response to whether or not a data for each sub-field is supplied; and

a waveform generator for controlling a sustaining pulse applied to a panel in response to said information about the number of sustaining pulses and said control signal.

2. The driving apparatus as claimed in claim 1, wherein the load detector generates said control signal in correspondence with a sub-field to which said data is not supplied, of the plurality of sub-fields.

3. The driving apparatus as claimed in claim 2, wherein the waveform generator makes a control such that said sustaining pulse is not applied during a sustaining period
5 of a sub-field corresponding to said control signal while said sustaining pulse is applied during sustaining periods of the remaining sub-fields.

4. A method of driving a plasma display panel in which
10 one frame has a plurality of sub-fields, said method comprising the steps of:

checking a specific sub-field to which a data is not supplied from the plurality of sub-fields; and

making a control such that a sustaining pulse is not
15 applied during a sustain period of the specific sub-field.

5. The method as claimed in claim 4, wherein said sustaining pulse is applied during sustain periods of the remaining sub-fields other than the specific sub-field.